



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of
Inventor(s): Mills

Group Art Unit: 1745

App'n Ser. No.: 09/669,877

Examiner(s): Tsang-Foster for the
Secret Committee

Filing Date: 09/27/2000

Title: ONE ELECTRON ATOM CATALYSIS, INCREASED BINDING ENERGY
COMPOUNDS AND APPLICATIONS THEREOF

* * * * *

October 22, 2004

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached are PTO/SB/O8B forms listing the enclosed documents. Copies of the enclosed documents are attached to this Information Disclosure Statement and/or to the Attachments to the Response filed herewith.

If necessary, please accept this Information Disclosure Statement under Rule 97(c) and charge the requisite Rule 17(p) fee to our Deposit Account No. 50-0687 under Order No. 27462/**62-226** for which purposes this paper is submitted in duplicate.

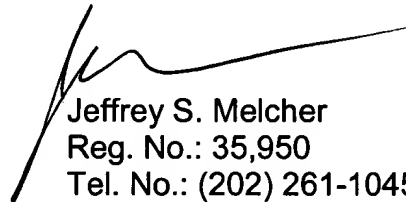
This information disclosure statement is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully. Consideration of the foregoing and enclosures plus the return of a copy of the herewith PTO/SB/O8A and B forms with the

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Examiner's initials in the left column per MPEP 609 along with an early action on the merits of this application are earnestly solicited.

Respectfully submitted,
Manelli Denison & Selter PLLC

By



Jeffrey S. Melcher
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Customer No. 20736



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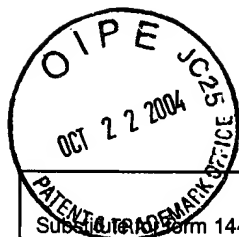
Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/669,877
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				First Named Inventor	Mills
				Group Art Unit	1745
				Examiner Name	Tsang-Foster
Sheet	1	of	3	Attorney Docket Number	62-231-1EL

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Letter from Shelby T. Brewer to The Honorable James E. Rogan, December 21, 2001 and PTO response from Jason C. Roe, April 24, 2002 (see Attachment A)	
		PARK, "Patent Nonsense, Court Denies Blacklight Power Appeal", <i>What's New</i> , September 6, 2002, www.aps.org.WN/WN02/wn090602.html (see Attachment C)	
		RANDI, "Houdini and the Rabbi, The Patent Office Again, A Perpetual Motion/Emotion Car Breaks Down...", <i>Swift</i> , September 20, 2002, www.randi.org/jr/092002.html (see Attachment C)	
		VOSS, "'New Physics' Finds a Haven At the Patent Office", <i>Science</i> , Vol. 284, pp. 1252-1254, May 21, 1999 (see Attachment D)	
		PTO Memorandum For All Employees: Media Contact Policy from Acting Assistant Secretary of Commerce and Acting Commissioner of patents and Trademarks, June 22, 1999	
		Letter from Jeffrey S. Melcher to Ms. Esther Kepplinger, February 28, 2000 (see Attachment G)	
		Internet Discussion Forum, "Two Brand New Papers out at BLP's "What's New" page," message No. 7191 on Hydrino Study Group, http://groups.yahoo.com/group/hyrino/message/7191 , September 27, 2003 (see Attachment H)	
		Internet Discussion Forum, "Even Skeptics can lose Objectivity," message No. 7410 on Hydrino Study Group, http://groups.yahoo.com/group/hyrino/message/7410 , October 27, 2003 (see Attachment H)	

Examiner Signature		Date Considered	
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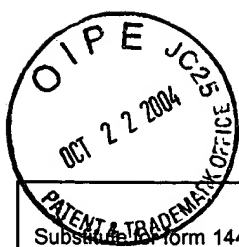


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		Internet Discussion Forum, "Two Competing Views of Reality Engage in a Battle for Total Control of Oour Physics Paradigm", <i>Hydrino Study Group</i> , http://www.hydrino.org (see Attachment H)	
		Internet Discussion Forum, "Zimmerman's APS Centennial Meeting Talk", Transcript from Tom Stolper, November 10, 2003 (see Attachment H)	
		Internet Discussion Forum, "Zimmerman's APS Centennial Meeting Talk", Transcript from Peter Zimmerman and Tom Stolper, October 29, 2003 (see Attachment H)	
		Internet Discussion Forum, "Zimmerman's APS Centennial Meeting Talk", Transcript from Tom Stolper, October 28, 2003 (see Attachment H)	
		Internet Discussion Forum, "HSG: Even skeptics can lose objectivity", Transcript from Steve Menton, October 26, 2003 (see Attachment H)	
		Internet Discussion Forum, "HSG: Zimmerman's Insincere Questions", Transcript from Peter Zimmerman and Steve Menton, September 25, 2003 (see Attachment H)	
		Internet Discussion Forum, "Re: Re: Zero Electrostatic Self-Interaction Justified", Transcript from Peter Zimmerman, May 22, 2003 http://groups.yahoo.com/group/hydrino/message/6052 (see Attachment H)	
		Internet Discussion Forum, "HSG: Re: Bool Review by Dr. John Farrell", Transcript from Peter Zimmerman, February 23, 2004 (see Attachment H)	
		"Regarding PZ's Departing Post", includes many public posts on hydrino study group. pp 1-75 (see Attachment I)	
		PARK, "Perpetual Motion: Still Going Around", Special to the Washington Post, January 12, 2000, Page H03 (see Attachment J)	
		Letter from Jeffrey S. Melcher to Ms. Esther Kepplinger with Attachments A-E, January 19, 2001(see Attachment K)	
		PLATT, "Testing the Current", The Washington Post, June 25, 2000, Page X05 (see Attachment M)	
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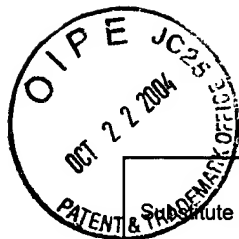


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		USPTO Communication re Interview scheduled for February 21, 2003, February 12, 2001(see Attachment N)	
		Letter from Senator Ron Wyden to The Honorable Todd Q. Dickinson with attachments, April 5, 2000 (see Attachment O)	
		Letter from Senator Robert G. Torricelli to Nicholas P. Godici with attachments, July 20, 2001(see Attachment O)	
		Letter from Senator Jon S. Corzine to The Honorable Todd Q. Dickinson with attachments, August 2, 2001 (see Attachment O)	
		Letter from Senator Max Cleland to Ms. Jane Cooksey with attachments, March 24, 2000 (see Attachment O) Letter from Senators Max Cleland and Ron Wyden to Chairman Patrick Leahy, December 20, 2001 (see Attachment O)	
		Letter from Senators Max Cleland and Ron Wyden to The Honorable Donald L. Evans, December 20, 2001; Letter from Senators Jon S. Corzine and Robert G. Torricelli to The Honorable Donald L. Evans, December 21, 2001 (see Attachment O)	
		Email re Interview Summary from Jeffrey Simenauer to Ted Liu, February 13, 2003 (see Attachment P)	
		"APS E-Board Passes Resolution on Perpetual Motion Machines", APS NEWS ONLINE, August/September 2002, http://www.eps.org/aps/apsnews/0802/080212.html (see Attachment Q)	
		Letter from Elizabeth Barlow to John Allen, March 17, 2004 (see Attachment R)	
		Letters from John Allen to Office of Counsel, US Department of Commerce with attachments, May 12, 2003, June 7, 2003, and March 10, 2004 (see Attachment R)	
		Souw, Bernard, "Coherent Telescope array with self-homodyne interferometric deflection for optical communications," Opt. Eng. 42(11) 3139-3157 (Nov. 2003); U.S. Department of Commerce, Summary of Ethics Rules, USPT, 2000 (Attachment S)	
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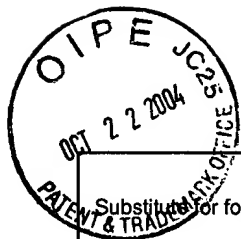
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	60	R. L. Mills, J. Sankar, P. Ray, A. Voigt, J. He, B. Dhandapani, "Synthesis of HDLC Films from Solid Carbon," Journal of Material Science, Vol. 39, (2004), pp. 3309-3318. (Web Publication Date: May 3, 2002.) Attachment 60	
	58	L. Mills, "Classical Quantum Mechanics," Physics Essays, in press.	
	46	L. Mills, P. Ray, "Stationary Inverted Lyman Population and a Very Stable Novel Hydride Formed by a Catalytic Reaction of Atomic Hydrogen and Certain Catalysts," J. Opt. Mat., in press.	

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	100	Mills, B. Dhandapani, J. He, "Highly Stable Amorphous Silicon Hydride from a Helium Plasma Reaction," Materials Chemistry and Physics, submitted. Attachment 100		
	99	L. Mills, Y. Lu, B. Dhandapani, "Spectral Identification of $H_2(1/2)$," submitted. Attachment 99.		
	98	L. Mills, Y. Lu, J. He, M. Nansteel, P. Ray, X. Chen, A. Voigt, B. Dhandapani, "Spectral Identification of New States of Hydrogen," New Journal of Chemistry, submitted. Attachment 98.		
	94	L. Mills, "The Nature of the Chemical Bond Revisited and an Alternative Maxwellian Approach," Physics Essays, submitted. Attachment 94.		
	88	R. Mills, J. Sankar, A. Voigt, J. He, P. Ray, B. Dhandapani, "Role of Atomic Hydrogen Density and Energy in Low Power CVD Synthesis of Diamond Films," Thin Solid Films, submitted. Attachment 88.		
	81	R. Mills, P. Ray, B. Dhandapani, W. Good, P. Jansson, M. Nansteel, J. He, A. Voigt, "Spectroscopic and NMR Identification of Novel Hydride Ions in Fractional Quantum Energy States Formed by an Exothermic Reaction of Atomic Hydrogen with Certain Catalysts," European Physical Journal: Applied Physics, 28, (2004), 83–104. (Web Publication Date: Feb. 21, 2003.) Attachment 81		
	77	J. Phillips, R. L. Mills, X. Chen, "Water Bath Calorimetric Study of Excess Heat in 'Resonance Transfer' Plasmas," J. Appl. Phys., Vol. 96, No. 6, (2004) 3095–3102 (Web Publication Date: June 16, 2003.) Attachment 77		

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	101	R. L. Mills, Y. Lu, Nansteel, J. He, A. Voigt, B. Dhandapani, "Energetic Catalyst-Hydrogen Plasma Reaction as a Potential New Energy Source," Division of Fuel Chemistry, Session: Chemistry of Solid, Liquid, and Gaseous Fuels, 227 th American Chemical Society National Meeting, March 28-April 1, 2004, Anaheim, CA. Attachment 101	
	102	R. L. Mills, "Exact Classical Quantum Mechanical Solutions for One- through Twenty-Electron Atoms," Phys. Essays, submitted. (<i>Web Publication Date: April 22, 2004.</i>)	
	103	R. L. Mills, Dhandapani, W. Good, J. He, "New States of Hydrogen Isolated from K ₂ CO ₃ Electrolysis Gases," Journal of Electroanalytical Chemistry, submitted. (<i>Web Publication Date: April 28, 2004.</i>)	
	104	R. L. Mills, Y. Lu, M. Nansteel, J. He, A. Voigt, W. Good, B. Dhandapani, "Energetic Catalyst-Hydrogen Plasma Reaction as a Potential New Energy Source," Division of Fuel Chemistry, Session: Advances in Hydrogen Energy, 228 th American Chemical Society National Meeting, August 22-26, 2004, Philadelphia, PA.	
	105	J. Phillips, C. K. Chen, R. L. Mills, "Evidence of Catalytic Production of Hot Hydrogen in RF-Generated Hydrogen/Argon Plasmas," IEEE Transactions on Plasma Science, submitted.	
	106	R. L. Mills, "Exact Classical Quantum Mechanical Solution for Atomic Helium Which Pre-Conjugate Parameters from a Unique Solution for the First Time," submitted. (<i>Publication Date: July 30, 2004.</i>)	
	107	R. L. Mills, "Maxwell's Equations and QED: Which is Fact and Which is Fiction," submitted. (<i>Web Publication Date: August 6, 2004.</i>)	

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